

Title (en)

Mobile phone with fingerprint sensor

Title (de)

Mobilfunkendgerät mit Fingerabdrucksensor

Title (fr)

Telephone portable avec un capteur d'empreinte digitale

Publication

EP 1545102 A1 20050622 (EN)

Application

EP 04257913 A 20041217

Priority

- JP 2003423598 A 20031219
- JP 2004338323 A 20041124

Abstract (en)

The present invention relates to an information processing unit, such as a mobile phone, equipped with a fingerprint sensor and reconciles size reduction with operability at a high level. The present invention is provided, adjacent to a keypad, with a V-shaped groove which contains a first slope stretching away from the keypad and slanting downward and a second slope stretching further away from the keypad and slanting upward, where the V-shaped groove contains a fingerprint sweep sensor which detects a fingerprint on a finger moved along the first slope and the second slope. <IMAGE>

IPC 1-7

H04M 1/66; **H04M 1/667**; **H04M 1/67**; **H04M 1/23**; **G06K 9/00**; **A61B 5/117**

IPC 8 full level

A61B 5/117 (2006.01); **G06F 1/16** (2006.01); **G06K 9/00** (2006.01); **G06T 1/00** (2006.01); **G06V 40/13** (2022.01); **H04B 1/38** (2006.01); **H04M 1/00** (2006.01); **H04M 1/21** (2006.01); **H04M 1/23** (2006.01); **H04M 1/66** (2006.01); **H04M 1/667** (2006.01); **H04M 1/67** (2006.01)

CPC (source: EP KR US)

G06T 1/00 (2013.01 - KR); **G06V 40/13** (2022.01 - EP US); **G06V 40/1335** (2022.01 - EP US); **G06V 40/63** (2022.01 - EP US); **H04B 1/40** (2013.01 - KR); **H04M 1/67** (2013.01 - EP US); **H04M 2250/12** (2013.01 - EP US)

Citation (search report)

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Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

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DOCDB simple family (application)

EP 04257913 A 20041217; CN 200410010519 A 20041220; EP 05018163 A 20041217; EP 05018164 A 20041217; EP 05018165 A 20041217; EP 05018166 A 20041217; EP 05018167 A 20041217; EP 05018168 A 20041217; JP 2004338323 A 20041124; KR 20040104692 A 20041213; KR 20050077624 A 20050824; KR 20050077627 A 20050824; KR 20050077630 A 20050824; KR 20050077631 A 20050824; KR 20050077632 A 20050824; KR 20050077633 A 20050824; US 1477104 A 20041220; US 20967805 A 20050824; US 20967905 A 20050824; US 20968005 A 20050824; US 20968105 A 20050824; US 20968205 A 20050824; US 20968305 A 20050824; US 80617707 A 20070530; US 84987104 A 20040521